Schematic Diagram for model TX-26T1EE (M16M Chassis)

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

Notes :

1. Resistor
   All resistors are carbon 1/4W resistor, unless marked as follows :
   Unit of resistance is OHM [Ω] (K=1,000 , M=1,000,000)
   - ◯ : Nonflammable
   - △ : Solid
   - ⊠ : Wire Wound
   - ⊠ : Metal Oxide
   - ◎ : Metal Film
   - ⊗ : Fuse

2. Capacitor
   All capacitors are ceramic 50V capacitor, unless marked as follows :
   Unit of capacitance is μF, unless otherwise noted.
   - ⊗ : Temperature Compensation
   - Ⓜ : Polyester
   - ⓜ : Metalized Polyester
   - ⊠ : Polypropylene
   - +⊣⊢− : Electrolytic
   - NP⊣⊢ : Bipolar
   - Ⓣ : Dipped Tantalum
   - Ⓩ : Z-Type

3. Coil
   Unit of inductance is μH, unless otherwise noted.

4. Test Point
   - ⚲ : Test Point position

5. Earth Symbol
   - ⏚ : Chassis Earth (Cold)
   - ⊥ : Line Earth (Hot)

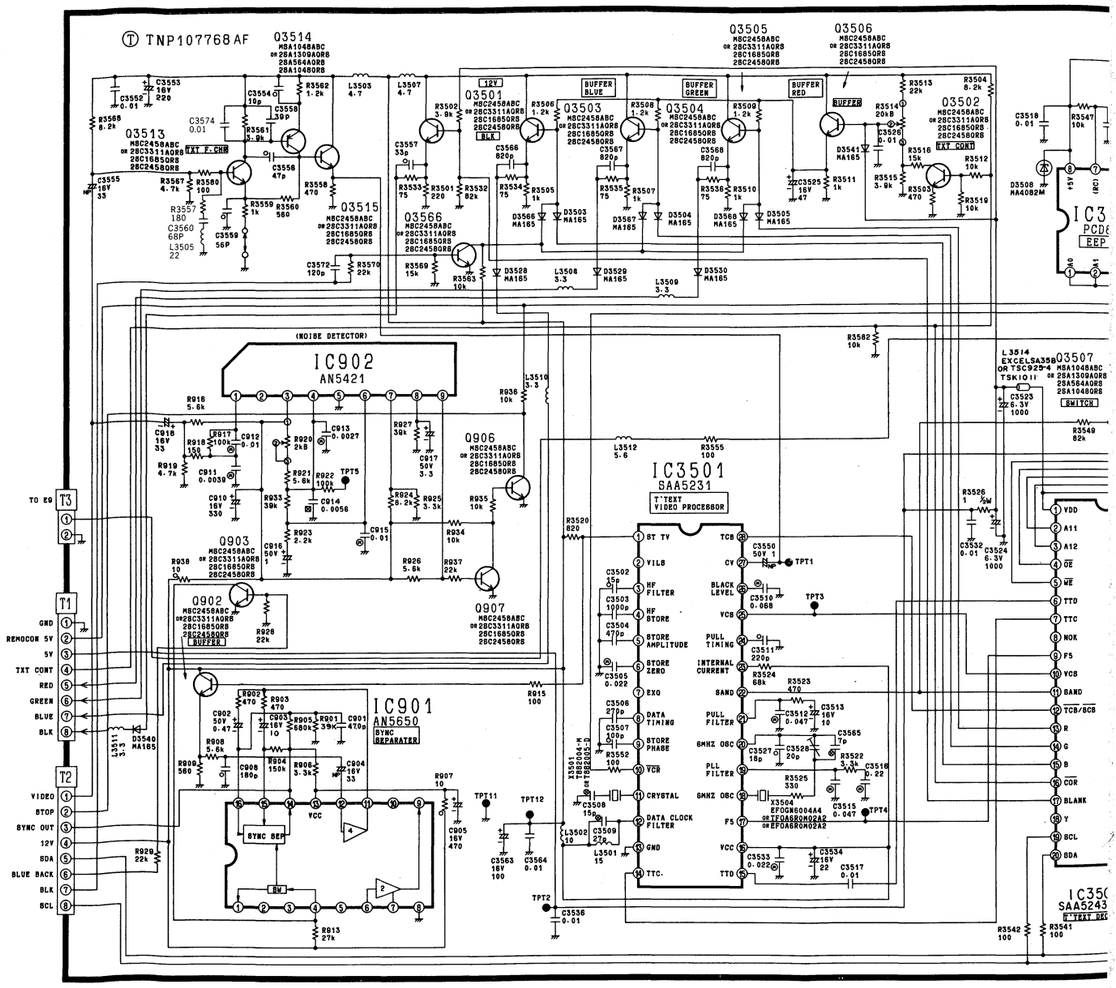
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following :
   - Power Source ..... AC 220V, 50Hz
   - Receiving Signal ..... Colour Bar signal (RF)
   - All customer's controls ..... Maximum positions

7. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks :

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short–circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow. Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

2. Following diodes are interchangeable.
   MA150 – MA162 (Replacement part)



TQA611516

TNP107768AF

IC902 AN5421 (NOISE DETECTOR)

IC901 AN5650 SYNC SEPARATER

IC3501 SAA5231 T'TEXT VIDEO PROCESSOR

IC3503 PCD8582 EEP ROM

IC3507 PCF84C81P076 T'TEXT CONTROL

IC3502 SAA5243 P/H T'TEXT DECODER

IC3506 MN4464-08LL LH5160H-10TL OR M5M5165P-12L OR MN4464-08L 64KB SRAM

X3503 TSS2001-N1

L3515 TSC925-4 OR EXCELSA35V TSK1011

TNP107887AB

TO B-BOARD

AC CORD T8X5172

TNP107874AA

TO YM COIL ETC55C6NA

TO C4

TO E6

TNP107809AD

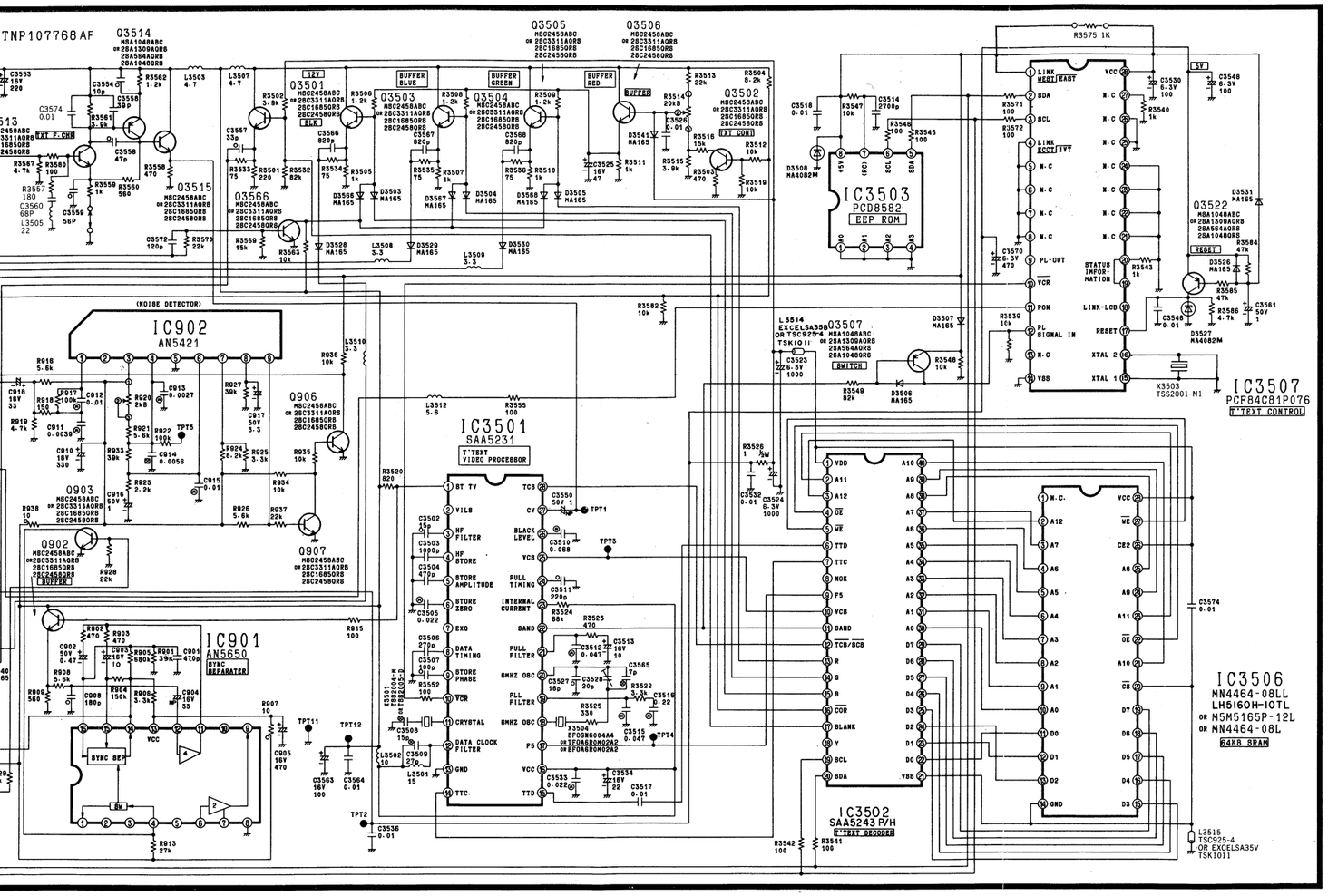
DG COIL TLX8980GA

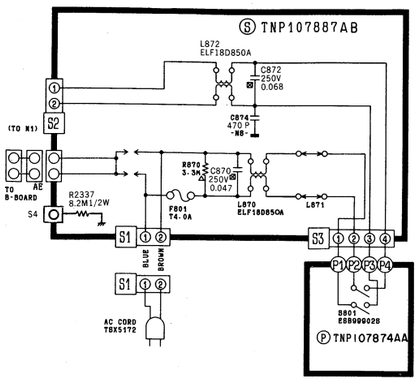
IC803 AN78M05LB

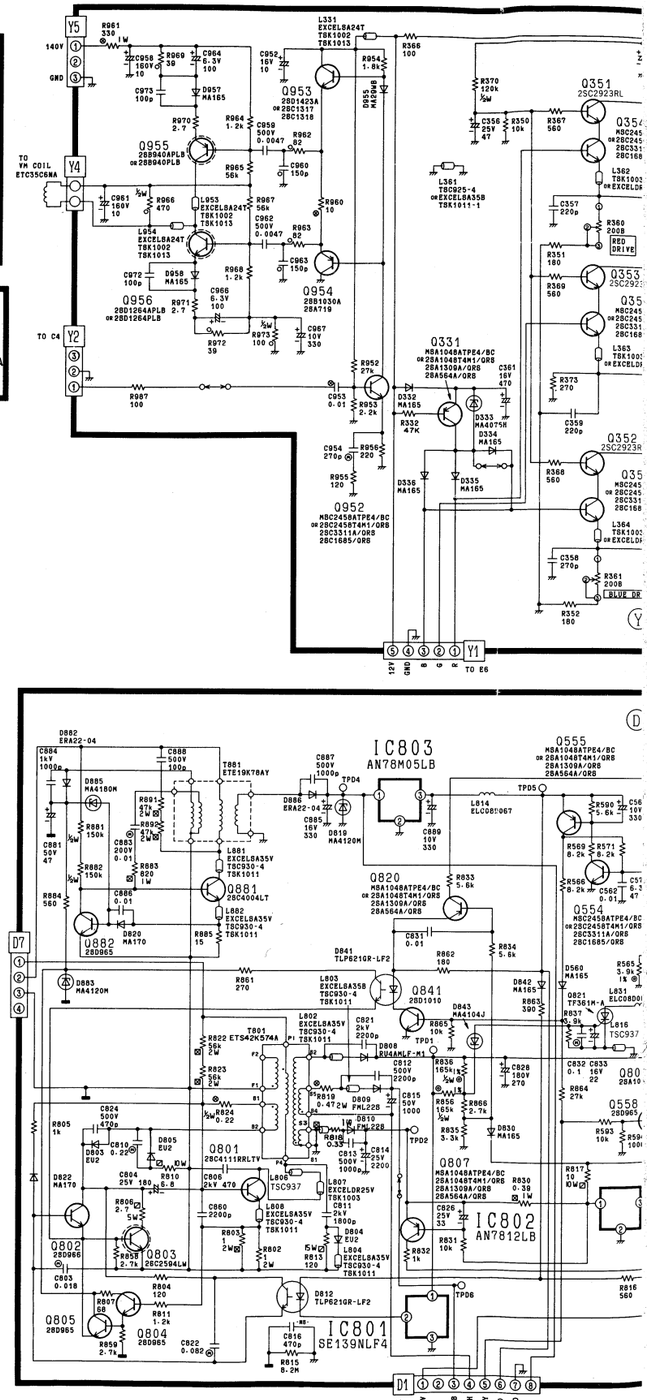
IC802 AN7812LB

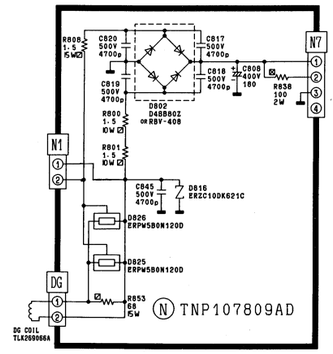
IC801 SE139NLF4

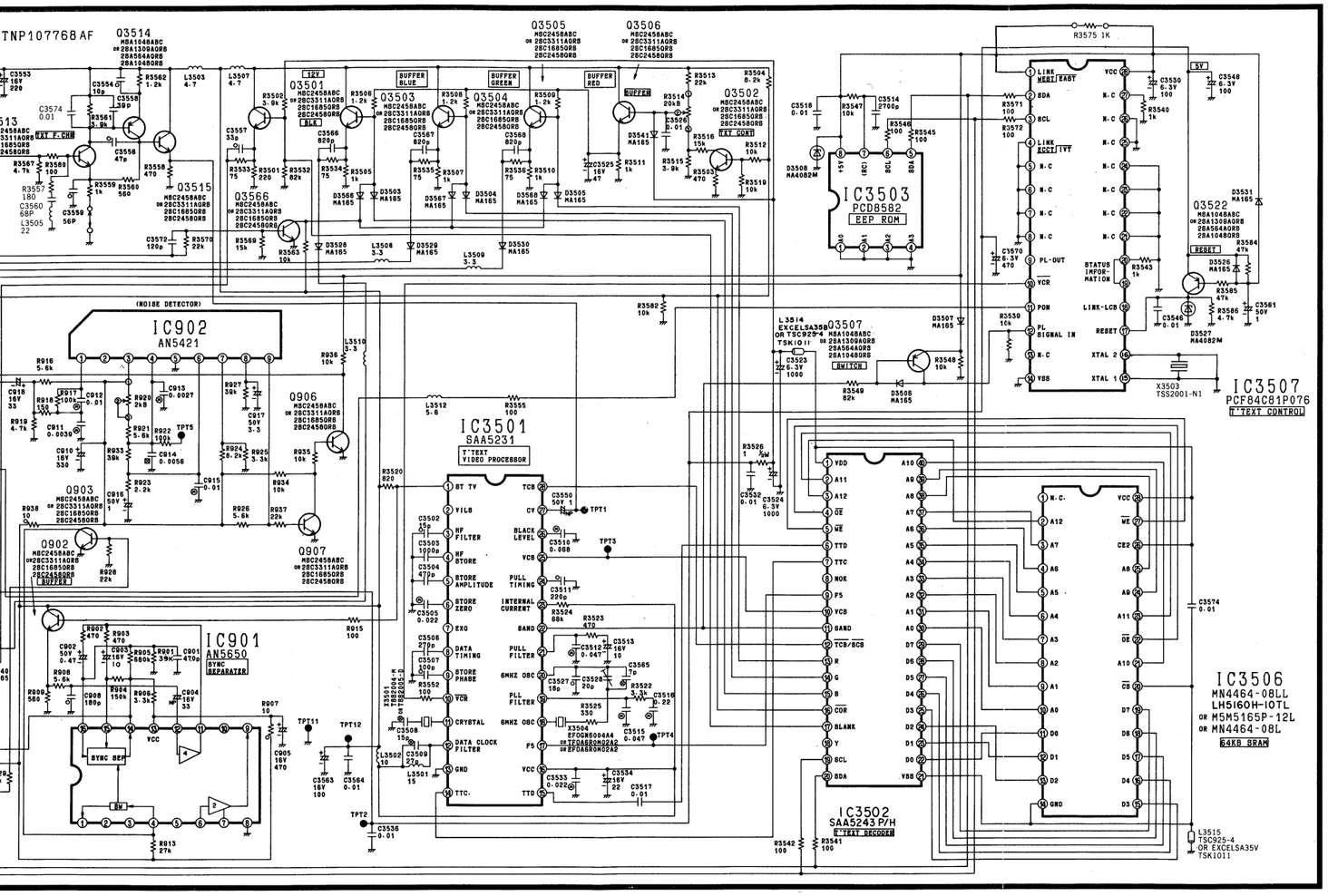
TO E1

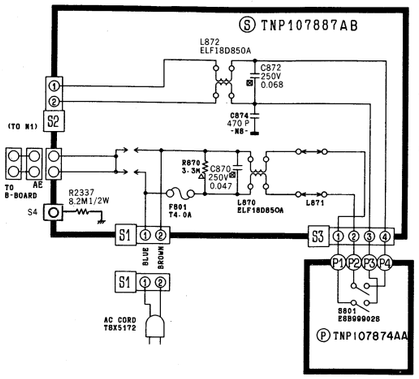


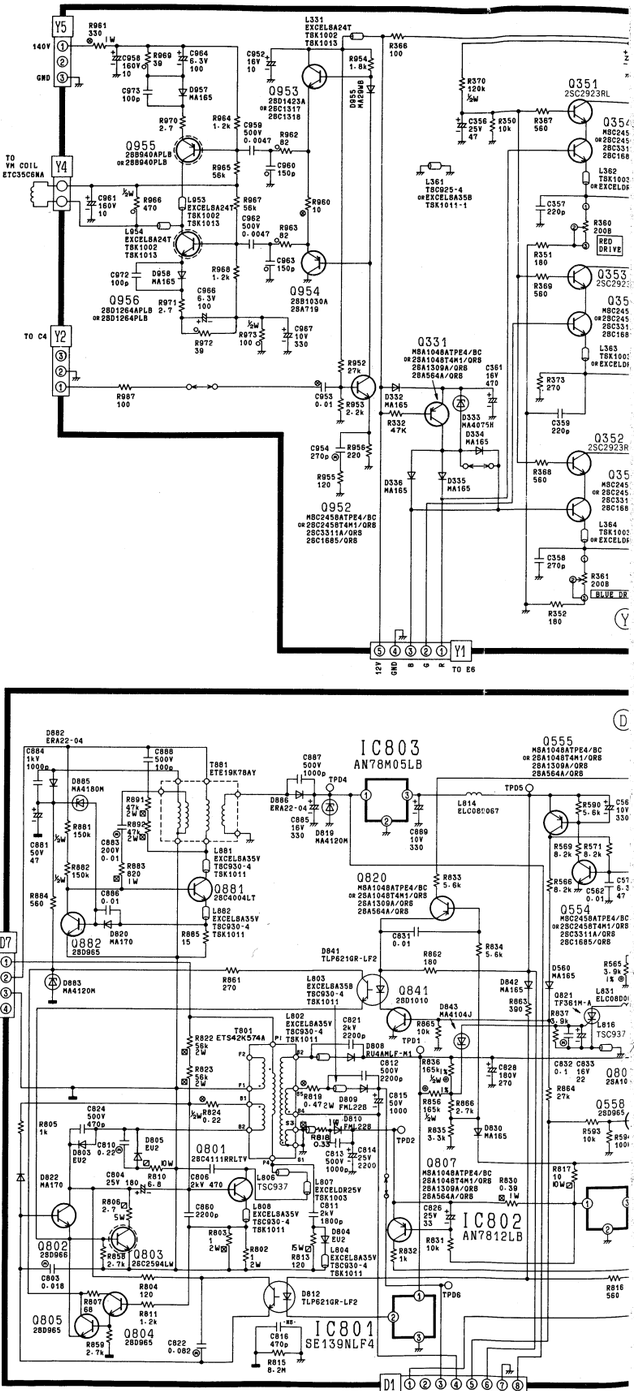


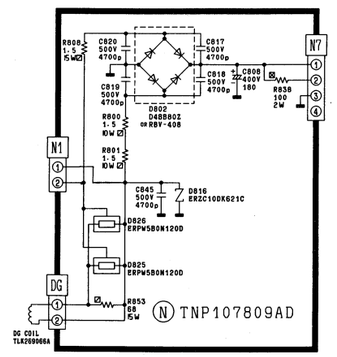





TNP107768AF
IC902
AN5421
(NOISE DETECTOR)
SYNC SEP
IC901
AN5650
SYNC SEPARATER
IC3501
SAA5231
T'TEXT VIDEO PROCESSOR
IC3503
PCD8582
EEP ROM
IC3507
PCF84C81P076
T'TEXT CONTROL
IC3502
SAA5243 P/H
T'TEXT DECODER
IC3506
MN4464-08LL
LH5160H-10TL
OR M5M5165P-12L
OR MN4464-08L
64KB SRAM
X3503
TSS2001-N1
EXT P.CHG
EXT CONT
BUFFER
SWITCH
RESET
BLK
BLUE
GREEN
RED
12V
5V


TNP107887AB
TNP107874AA
TO B-BOARD
AC CORD
TO YM COIL
TO C4
TO E6


IC803
AN78M05LB
IC802
AN7812LB
IC801
SE139NLF4
0951
0952
0953
0954
0955
0956
0331
0351
0352
0353
0354
0355
0841
0801
0807
0820
0881
0555
TO E1
140V
GND
BOUND'B
BOUND EARTH
STAND BY
RMCN (5V)
GND


TNP107809AD
DG COIL
TLX209068A

Ⓢ TNP107887AB

Ⓟ TNP107874AA

Ⓨ TNP107897AA

Ⓧ TNP107800AE

Ⓝ TNP107809AD

Ⓓ TNP107755.AS

IC3507
PCF84C81P076
T'TEXT CONTROL

IC3506
MN4464-08LL
LH5160H-10TL
OR M5M5165P-12L
OR MN4464-08L
64KB SRAM

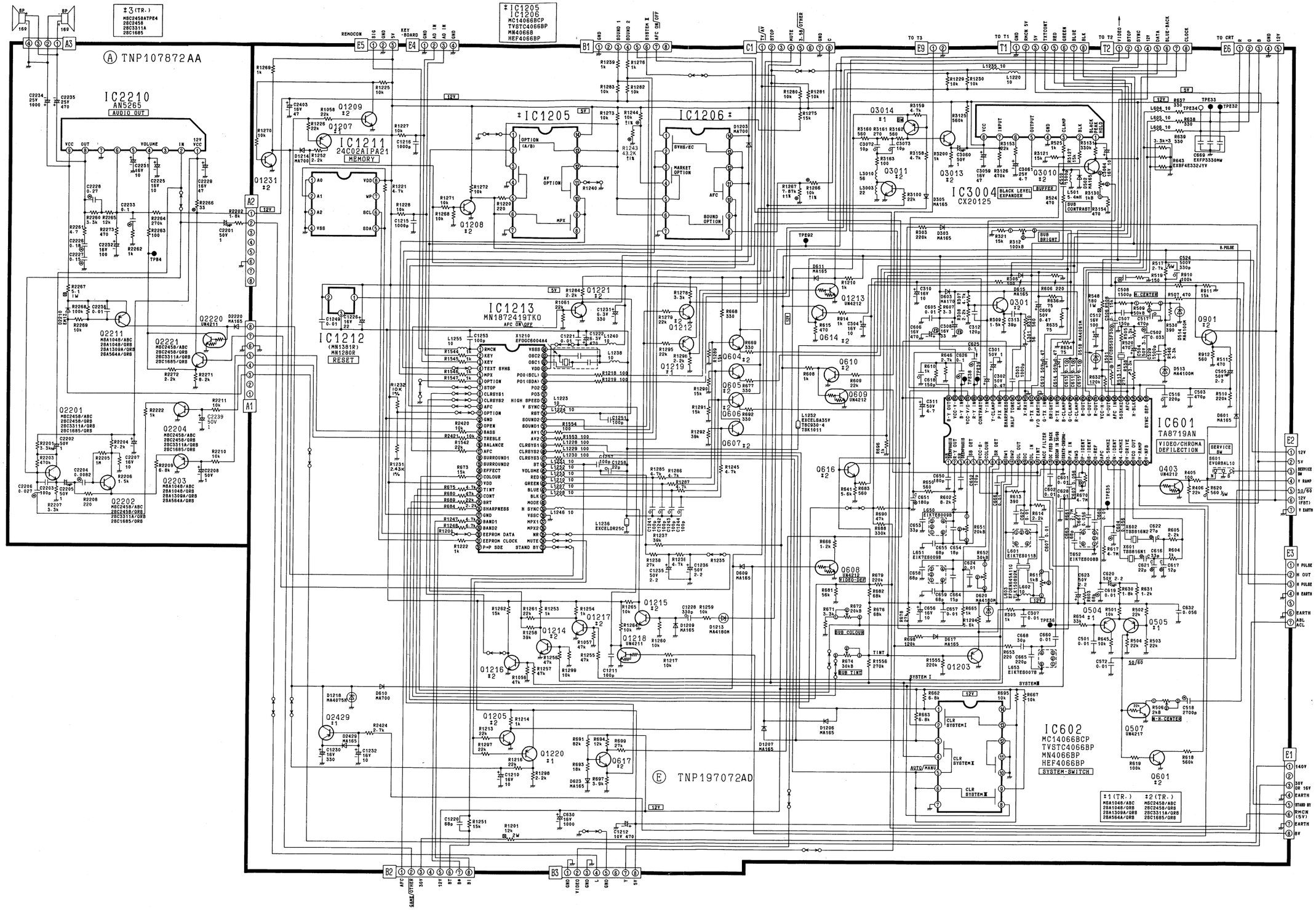
IC803
AN78M05LB

IC802
AN7812LB

IC801
SE139NLF4

IC451
LA7838

IC552
AN78M05LB


Ⓐ TNP107872AA
IC2210
AN5265
AUDIO OUT
IC1211
24C02AIPA21
MEMORY
IC1212
(MN1381R)
MN1280R
RESET
IC1213
MN1872419TK0
AFC ON/OFF
*IC1205
*IC1206
IC3004
CX20125
BLACK LEVEL EXPANDER
BUFFER
IC601
TA8719AN
VIDEO/CHROMA DEFLECTION
IC602
MC14066BCP
TVSTC4066BP
MN4066BP
HEF4066BP
SYSTEM-SWITCH
Ⓔ TNP197072AD
*1(TR.)
2SC2458A/ORB
2SC2458
2SC3311A
2SC1685
*IC1205
IC1206
MC14066BCP
TVSTC4066BP
MN4066BP
HEF4066BP
REMOCON
KEY -BOARD
TO T1
TO T2
TO T3
TO CRT
*1(TR.)
2SA1048/ORB
2SA1048
2SA1309A/ORB
2SA564A/ORB
*2(TR.)
2SC2458/ORB
2SC2458
2SC3311A/ORB
2SC1685/ORB

K-BOARD
TNP107873

R005 2.43k
R009 2.26k
R010 3.24k
R011 5.11k
R012 9.31k
R008
PRESET
S009
AUTO FUNCTION
S010
SEARCH DN F/DN
S011
SEARCH UP F/UP
SYS I
SYS II
R002 2.43k
R003 2.26k
R004 3.24k
R005 5.11k
R006 9.31k
R007 21.5k
S001
CH DN
S002
CH UP
S003
VOL DN
S004
VOL UP
S005
TV/AV
S006
RENTAL POSITION
S007
DEMO
CASE-EARTH
S001-S013
EVQQB607T(26")
K1
(TO E4)
GND
AD IN
AD IN
CASE-E

R-BOARD
TNP107876

R1052 1k
TN02665-1
SIG OUT
+5V
R1051 10k
R1050 100
C1050 50V 47
D001
LN216CPH1
POWER
R001 390
(TO E5)
R1
R
G
B
GND
12V

B-BOARD
TNP107762

C3043 0.01
12V
C3080 16V 47
VCC
BPF
C3075 16V 100
R3093 100
Q3049
MSD601-RT2
2SD601A/QRS
2SD601-QW
BUFFER
10.8
6.3
R3165 1k
R3095 1.5k
C3103
L3122 47
L3122 2.2k
LC3001 TAFHCF0230
R3087 390
C3085 82p
11.6
0
L3020 12
ONLY FOR AV NTSC
R3168 4.7k
R3089 22
Q3022
MSD601-RT2
2SD601A/QRS
2SD601-QW
6.3
C3137 39p
C3139 100p
C3138 100p
L3131 22
R3089 1k
R3400 120
C3401 1.2k
R3108 22k
7.9
JBK
R3107 10k
Q3024
MSD601-RT2
2SD601A/QRS
2SD601-QW
BUFFER
11.6
7.3
R3090 22
C3140 0.01
R3109 5.6k
LC3003 TLK160887E
R3098 1k
C3122 47p
C3142 16V 10
C3192 0.01
9.8
Q3025
MSD601-RT2
2SD601A/QRS
2SD601-QW
BUFFER
11.6
C3069 16V 47
C3062 0.01
R3047 560
R3117 560
6.3
5.7
C3054 470p
R3114 1k
R3115 220
R3113 1k
LC3002 TLK160881E
R3110
R3112 1.6k
X3003
L3023 33
C3016 39p
C3123 3P
R3173 100
R3116 1k
X3004 EFCA4R43MB3
VIDEO

TUNER
ENV59852F2
TPB12
TPB11
C102 16V 47
C103 0.33
C111 16V 22
C112 50V 3.3
C116 16V 47
C120 50V 0.47
R1249 10
C101 0.01
L101 E1V7EB0058
R101 8.2k
R104 820
L103 8.2
C105 0.01
R105 1.8k
JBA
JBB
L102 TLL1151761
R102 1k
Q101 2SC2188
VIF AMP
R103 22
X101 TPCR38MVK03
R106
C126 0.01
C121 16V 10
R1246 10
R1250 10
D203 MA165
D202 MA165
R145 390k
C114 50V
R147 1k
R149 10k
Q102
MSD601-RT2
2SD601A/QRS
2SD601-QW
BUFFER
12V
R109
R108 10kB
RF AGC
R148
TUNING AFC
C141 0.1
R141 3.3k
5.4
4.8
R142 10k
R143 12k
TPB91
D141 MA155
R144 30kB
R119 82k
R118 68k
D105 MA155
R156 330
AFC OFFSET
R112 27k
R113 10kB
R107
TPB2
C161 16V 10
TPB23
TPB24
0.2
11.3
Q107
MSD601-RT2
2SD601A/QRS
2SD601-QW
BUFFER
Q109
MSD601-RT2
2SD601A/QRS
2SD601-QW
BUFFER
10.6
R256 1k
R241 1k
R3048 100
IC1202
AN5071
BAND SW
9Vm OUT
DETECTOR
BVL OUT
3.2V REG.
IN PUT
BU OUT
12V
11.6
0
32
2.2
11.5
0.3
R1202 330
R1207 10k
C1206 50V 33
R1204 20k
R1205 10k
R1206 10k
1.8
0.6
R1203 150
R1208 12k
C1207 0.47
C1208 0.33
01202
2SD601A/QRS
AMP
TPB32
TPB33
TPB19
0.1
0.1
5.4
5.7
VDD
VSS
IC102
HEF4066BP
MC14066BCP
TVSTC4066BP
MN4066B
AFC ON/OFF SELECT
B4
B2
B1
TO E-BOARD
AFC OUT
BAND/OTHER
30V
12V
BT
BAND 1
BAND 2
GND
SOUND 1
SOUND 2
TINT COR
SYSTEM II
AFC ON/OFF

IC101
VIF/SIF
AN5177K
AFC
TPB14
TPB15
TPB16
TPB17
TPB1
C118 0.01
C117 10p
L105 E1Y7EN034B
R165 820
C113 50V 0.47
R110 6.8k
33k
C143 0.01
12V
C109 0.01
C107 0.01
C114 50V
C169 68p
R157 2.7k
R158 8.8k
C122 50V 0.47
R160 1k
0.7
R122 47k
0.1
C166 0.01
C125 22p
L106 VCO E1Y7EM150B
C123 16V 47
C115 0.01
R2126 1.8k
C2121 0.027
R260 3.3k
AFC OUT
IF AGC
IF AGC
IF AGC
RF AGC OUT
AFC VCC
MAIN VCC
VIF IN
VIF IN
MAIN GND
AUDIO OUT
VCO VCC
VCO
VCO
VCO GND
RF AGC DELAY
VIDEO OUT
EQ
NOISE INV. IN
VIF DET OUT
SIF IN
SIF
SIF
SIF
NC
NC
NC
NC
NC
NC
NC
NC
5.5
2.6
2.5
2.6
2.6
3.3
11.4
5.5
3.2
3.1
2.2
2.1
1.9
1.9
2.1
1.9
1.5
1.0
1.5
0
4.9
2.7
R3048 100
C1106 16V 470
R212 4.7k
R210 150k
TPB9
7.3
2.5
1.8
Q210
MSD601-RT2
2SD601A/QRS
2SD601-QW
AMP
R211 47k
R213 2.2k
D901 MA165
R941 5.6k
11.2
Q908
UN2212
R940 10k
C3142 16V 10
C3192 0.01
9.8
R3157 2.7k
R3158 8.8k
C3157 0.01
R3159 4.7k
R3160 R3161 R3162 560 270 560
C3072 10p
C3073 10p
R3163 100
R3158 4.7k
R3200 1k
C3060 50V 1
R3125 560k
R3126 470k
C3059 16V 47
C3061 25V 4.7
R3153 22k
R3121 15k
R525 1k
R3127 1k
R3131 330k
C3064 0.01
R3130 1k
R3154 470
R524 470
L501 5.6mH
BUS CONTRAST
BUS BRIGHT
R3521 15k
R312 100kB
R3303 220k
D303 MA165
R3305 1k
C307 0.01
TPE36
R3555 220k
D617 MA165
01203
R3556 270k
TINT
BUS TINT
R674 30kB
R671 3.3k
R672 20kB
R676 68k
R682 68k
R679 220k
R681 56k
R666 1.2k
0608
UN4212
VIDEO-DEF
D620 MA4180M
R665 1k
R1294 5.6k
C656 16V 10
C657 0.01
C658 68p
C659 C664 15p
C624 0.01
R652 30kB
R651 20kB
C653 33p
C655 68p
C654 18p
L651 E1K7EB0098
C652 1000p
R602 8.2k
L650 E1K7EB0098
C651 180p
R650 560
C650 180p
R690 47k
R689 330k
R641 5.6k
R683 560
R1245 4.7k
D609 MA165
D1213 MA180M
D1203 MA700
R1280 10k
R1281 10k
R1275 15k
R1267 7.87k
R1266 10k
R1235 10
L1235 10
R1229 10k
R1230 10k
L1220 10
03014
R3159 4.7k
03011
03013
IC3004
CX20125
BLACK LEVEL EXPANDER
BUFFER
R3153 22k
R3100 22k
L3010 56
L3003 22
D305 MA165
R3303 220k
D303 MA165
R3321 15k
R312 100kB
BUS BRIGHT
TPE92
D611 MA165
R1210 1k
01213 UN4212
R614 1k
R615 470
0614
C3042 16V 10
C3043 0.01
R606 220
R536 75
R609 50V 0.47
R635 75
R634 75
C625 0.1
R646 2.7k
C626 0.1
R610 1k
C618 150p
C605 0.01
C606 470p
C608 16V 10
C3082 16V 33
R608 1k
R609 22k
0610
0609 UN4212
0616
R641 5.6k
R683 560
R690 47k
R689 330k
R666 1.2k
0608 UN4212 VIDEO-DEF
R679 220k
R682 68k
R681 56k
R672 20kB
R671 3.3k
R676 68k
BUS COLOUR
R674 30kB
BUS TINT
TINT
R1556 270k
R695 10k
R667 10k
R662 6.8k
R663 6.8k
CLR SYSTEM I
CLR SYSTEM II
AUTO/MANU
SYSTEM I
SYSTEM II
D1206 MA165
D1207 MA165
7072AD
IC602
MC14066BCP
TVSTC4066BP
MN4066BP
HEF4066BP
SYSTEM-SWITCH
R1555 220k
D617 MA165
01203
C668 30p
C660 0.01
C653 220
C665 220p
L653 E1K7EB007B
R653 220
C661 0.01
R1294 5.6k
R665 1k
C657 0.01
C656 16V 10
C659 C664 15p
C658 68p
C624 0.01
R652 30kB
R651 20kB
C653 33p
C655 68p
C654 18p
L651 E1K7EB0098
C652 1000p
R602 8.2k
L650 E1K7EB0098
C651 180p
R650 560
C650 180p
R690 47k
R689 330k
R641 5.6k
R683 560
R1245 4.7k
D609 MA165
D1213 MA180M
D1203 MA700
R1280 10k
R1281 10k
R1275 15k
R1267 7.87k
R1266 10k
R1235 10
L1235 10
R1229 10k
R1230 10k
L1220 10
03014
R3159 4.7k
03011
03013
IC3004
CX20125
BLACK LEVEL EXPANDER
BUFFER
R3153 22k
R3100 22k
L3010 56
L3003 22
D305 MA165
R3303 220k
D303 MA165
R3321 15k
R312 100kB
BUS BRIGHT
TPE92
D611 MA165
R1210 1k
01213 UN4212
R614 1k
R615 470
0614
C3042 16V 10
C3043 0.01
R606 220
R536 75
R609 50V 0.47
R635 75
R634 75
C625 0.1
R646 2.7k
C626 0.1
R610 1k
C618 150p
C605 0.01
C606 470p
C608 16V 10
C3082 16V 33
R608 1k
R609 22k
0610
0609 UN4212
0616
R3125 560k
R3200 1k
C3060 50V 1
R3159 4.7k
R3160 R3161 R3162 560 270 560
C3072 10p
C3073 10p
R3163 100
R3158 4.7k
R1229 10k
R1230 10k
L1220 10
L1235 10

K-BOARD
TNP107873

R008 2.43k R009 2.26k R010 3.24k R011 5.11k R012 9.31k
S008 S009 S010 S011 S012 S013
PRESET | AUTO FUNCTION | SEARCH DN P/DN | SEARCH UP P/UP | SYS 1 | SYS 2

R002 2.43k R003 2.26k R004 3.24k R005 5.11k R006 9.31k R007 21.5k
S001 S002 S003 S004 S005 S006 S007
CH DN | CH UP | VOL DN | VOL UP | TV/AV | RENTAL POSITION | DEMO

S001-S013 EVQQB607T(26")

CASE-EARTH

K1 ① ② ③ ④
(TO E4) GND AD IN AD IN CASE-E

R-BOARD
TNP107876

R1052 1k
R1051 10k
R1050 100
C1050 50V 47
D001 LN251CPNL POWER
R001 390
TN02665-1 SIG OUT +5V
R1 ① ② ③

B-BOARD
TNP107762

IC3003
LA7222-TV

C3043 0.01
C3075 16V 100
R3093 100
Q3049 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
R3165 1k
R3095 1.5k
C3103
L3122 47
R3122 2.2k
C3122 47p
R3098 1k
LC3003 TLK160887E
LC3001 TAFHCF0230
C3080 16V 47
VCC BPF
R3085 100
R3087 390
C3085 82p
ONLY FOR AV NTSC
L3020 12
R3168 4.7k R3099 22
Q3022 MSD601-RT2 2SD601A/QR8 2SD601-QW
R3089 1k
C3137 39p
C3139 100p
R3400 120
C3138 100p
R3401 1.2k
L3131 22
R3107 10k
Q3024 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
R3108 22k
JBK
R3109 5.6k
R3090 22
C3140 0.01
C3142 16V 10
C3192 0.01
C3193 0.01
R3308 1k
JB8
R3172 100
C3039 0.01
Q3025 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
C3069 16V 47
C3062 0.01
R3047 580
R3117 580
C3054 470p
R3114 1k
R3115 220
X3003
L3023 33
C3016 39p
C3123 3P
R3173 100
LC3002 TLK160881E
R3113 1k
R3110
R3112 1.6k
R3116 1k
X3004 EFCA4R43MB3
Q3029 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
R3042 .1k
R3041 12k
Q3032 UN2214
C3196 16V 47
C3131 0.01
R3111 5.6k
JBM
V TV
TV-AV-Y
TV-AV-C
VIDEO
AUDIO
12V

Q3053 MSD601-RT2 2SD601A/QR8 2SD601-QW
R3169 1k R3176 10k
R3167 1k R3178 3.3k
R3312A 470 R3175 470
Q3026 MSD601-RT2
R3027 10k
C3171 16V 47
C3170 16V 10
R3026 3.3k
R3028 1k
C3172 0.01
C3006 50V 1
IC3005 LA7222-TV
Q3054 MSD601-RT2 2SD601A/QR8 2SD601-QW
R3179 1k R3180 1k
C3012 16V 10
R3054 330
C3013 16V 22
R3005 75
C3009 50V 1
R3001 1k
R3002 180k
VIDEO AUDIO AV IN
VIDEO AUDIO AV OUT
R3064 100
R3063 100k
R3051 1k C3020 50V 1 R3029 1k
Q3015 MSD601-RT2 2SD601A/QR8 2SD601-QW
MUTE

IC1202
AN5071 BAND SW
8Vh OUT | DETECTOR | 8VL OUT | 32V REG | IN PUT | 8U OUT
R1246 10
R1250 10
D203 MA165
D202 MA165
R146 390k
C114 50V
R147 1k
R1202 330
R1207 10k
C1206 50V 33
R1204 20k R1205 10k R1206 10k
R1203 150
R1208 12k
C1207 0.47 C1208 0.33
Q1202 2SD601A/QR8 AMP

TUNER ENV59852F2
C102 16V 47 C103 0.33 C111 16V 22 C112 50V 3.3 C116 16V 47 C120 50V 0.47
TPB12 TPB11
R1249 10
C106 16V 470
C126 0.01
C121 16V 10
R106
R040 10k
R212 4.7k
C101 0.01
L101 E1V7EB005B
R101 8.2k
R104 820
L103 8.2
C105 0.01
C104 0.01
R105 1.8k
JBA
L109 TL1151701
R102 1k
Q101 2SC2188 VIF AMP
R103 22
X101 TFCH38MVK03
JBB
R210 150k
C214 50V 1
TPB9
Q210 MSD601-RT2 2SD601A/QR8 2SD601-QW AMP
R211 47k R213 2.2k
DA01 MA165 R941 5.6k
Q908 UN2212
C241 0.01
C240 82p
C244 27p
R250 10k
R252 3.9k
L202 E187ES002B 5.5MHz
D201 MA856TV R253 150
C242 30p C246 0.01 5.5MHz
R244 5.6k
C247 0.01
C248 0.01
JBC
R242 10k
C251 0.01
IC201
HEF4052BP
MC14052BCP
MN4052B
TVSTC4052BP
SIF SELECT
R246 470
X201 EFCS5R5MB5 5.5MHz
X203 EFCS6R5MS5 6.5MHz
IC101 VIF/SIF
AN5177K
C167 6.3V 33
C118 0.01
TPB14
C113 50V 0.47
C111 33k
C110 6.8k
C143 0.01 12V
C108 0.01
C109 0.01
C107 0.01
TPB1
R2126 1.8k
C2121 0.027
C115 0.01
C117 10p
L105 E1V7EN034B AFC
R165 820
TPB15
R157 2.7k R155 180
C149 68p
TPB16
R115 68
C122 50V 0.47
TPB17
C125 22p
C123 16V 47
L106 VCO E1V7EM150B
C112 0.1
L110
R160 1K
R122 47k
R121 10k
R175 6.8k
C166 0.01
C161 16V 10
R241 1k
Q107 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
TPB23 TPB24
Q109 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
R256 1k
R3048 100
C161 16V 10
Q102 MSD601-RT2 2SD601A/QR8 2SD601-QW BUFFER
R109 R108 10kB RF AGC R148
R149 10k
R141 3.3k
R142 10k R143 12k
TUNING AFC
D141 MA165
R144 30kB
R119 82k
R118 68k
D105 MA165
AFC OFFSET
R113 10kB
R112 27k
R107
TPB32 TPB33 TPB19 TPB2
R156 330
IC102 HEF4066BP MC14066BCP TVSTC4066BP MN4066B
AFC ON/OFF SELECT
R153 220
L141 1.5
X104 EFC85M7MW5
R151 330
L140 18
X102 EFC86R5MW5
R153 220
L141 1.5
X104 EFC85M7MW5
R151 330
L140 18
X102 EFC86R5MW5
TPB18
L203 10
C250 100p
R247 390
IC1005 SOUND1 SOUND2 V S SYSTEM
L L V0 S0 M
H L V1 S1 I
L H V2 S2 B/G
H H V3 S3 D/K

Q3370 MSD601-RT2 2SD601A/QR8 2SD601-QW
R3383 1.5k R3389 68k
C3385 0.01
R3404 1k
R3380 1k R3393 13k
Q3369 MSD601-RT2 2SD601A/QR8 2SD601-QW
R3431 100
R3069 10
R3361 8.2k
R3363 330
R3362 5.6k
C3361 16V 47
R3367 2.2k
Q3367 MSD601-RT2 2SD601A/QR8 2SD601-QW
R3187 1k
Q3006 MSC2458/ABC 2SC2458/QR8 2SC3311A/QR8 2SC1685/QR8
R3070 220
R3071 68
C3022 10V 470
R3049 10k
Q951 MSD601-RT2 2SD601A/QR8 2SD601-QW
R992 20k
R991 2.7k
L950 100
R951 680
L951 15
R978 12k
Q957 MSD601-RT2 2SD601A/QR8 2SD601-QW
R959 MA720
R988 1.8k
R995 15k
C3179 16V 47
Q960 MSD601-RT2 2SD601A/QR8 2SD601-QW
R975 330
R970 100
C974 10V
R997 2.7k
R999 100
R980 680
R976 2.2k
R977 8.2k
R981 680
R989 2.2k
R998 2.2k
R996 5.6k
R978 150
C931 0.01
R1001
C932 270p
R990 220
R993 2.2k
R994 120
Q958 MSD601-RT2 2SD601A/QR8 2SD601-QW
Q961 MSD601-RT2 2SD601A/QR8 2SD601-QW
C978 16V 47
C977 120p
R982 2.2k
C979 16V 10
R983 3.9k
R1006 100
Q910 MSD601-RT2 2SD601A/QR8 2SD601-QW
L955 TSK1002
L952 TSK1002
R1002 150
C969 16V 100
L959 TSK1002
D922 MA4075M
C921 0.01
C922 270P
R949 1.2k
R950 1k
L958 TSK1002
C968 0.01
R943 1k
D921 MA700
R944 4.7k
Q911 MSD601-RT2 2SD601A/QR8 2SD601-QW
C923 82p
R947 5.6k
R946 1.2k
R945 4.7k
R958 1k
D951 MA165
Q912 MSB709-RT2 2SB709/QR8 2SB709-QW
R948 1.2k
Q913 MSB709-RT2 2SB709/QR8 2SB709-QW
R959 1k
D952 MA165
R957 2.2k
L957 TSK1002
R942 1M
C957 0.01
R971 0.01
R1003 820
Q909 MSD601-RT2 2SD601/QR8 2SD601-QW

B4 ① ②
B2 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ TO E-BOARD
AFC OUT | BAND/OTHER | 30V | 12V | BT | BAND 1 | BAND 2
B1 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ TO E-BOARD
GND | SOUND 1 | SOUND 2 | TINT CSR | SYSTEM II | AFC ON/OFF
B7 ① ② TO C2

B3 TO E-BOARD
① GND
② VIDEO OUT
③ GND
④ L-OUT
⑤ GND
⑥ R-OUT
⑦ Y-OUT
⑧ 5V

B5 TO C1
① TV/AV
② STOP
③ B/OTHER
④ MUTE
⑤ 3.58/OTHER
⑥ BLANK
⑦ GND
⑧ C-OUT
J140

B6 TO Y2
① VM-OUT
② GND
③ LIM